



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Research and Development**  
**National Center for Environmental Assessment**

## **Postdoctoral Positions**

The National Center for Environmental Assessment-Cincinnati (NCEA-CIN) of the U.S. EPA Office of Research and Development (ORD) is seeking candidates for Federal, three-year postdoctoral research positions. The four postdoctoral positions are described below:

### **Physiologically Based Pharmacokinetic Modeling for Risk Assessment (RA)**

- Developing models to address species and route extrapolating
- assessing human variance in biochemical, physiological and/or anatomic factors affecting risk
- identifying chemicals/PBPK outputs which reduce uncertainties in RA and assessing databases
- developing and validating models for human variance that may modulate risk

### **Microbiology, Health, Pathogenic Microorganisms**

NCEA-CIN is seeking a well-qualified Microbiologist with Ph.D. or equivalent degree to serve as leader in the assessment of risks from pathogenic microorganisms. They will work in a multidisciplinary team environment across organizations.

### **Assessing the Causes of Impairment in Aquatic Ecosystems**

- developing methods to determine causes of observed impairments of aquatic ecosystems
- determining effects, exposure response relationships, diagnostic measures for stressors of these systems, and creating guidance for their use and interpretation.

### **A Spatial Approach for Assessing and Managing Nonpoint Sources of Nutrients and Pathogens in Surface Waters**

NCEA is presently obtaining high spatial resolution, hyperspectral imagery of the Little Miami River Watershed in Southwest Ohio. These data will be used to explore effects of land cover/land use on nutrient and pathogen export to streams and effects on human and ecological receptors. The position includes:

- collaborating with other scientists in classifying this imagery; analyze in relation to other data
- developing predictive models for analyzing hypothetical landscapes and publishing work

Applicants with degrees in toxicology, pharmacology, biomathematical modeling, environmental science, environmental engineering, biostatistics, microbiology, or related fields are encouraged to apply. These positions will begin immediately at a starting salary range of \$46,724 - \$72,796 commensurate with qualifications. Those selected candidates will be eligible for a **full benefits package**. Preferred candidates will have earned a Ph.D. in one of the above disciplines in the past five years, or be eligible for degree no later than August 31, 2002. Must be a United States citizen. To apply, send a curriculum vitae, transcripts, letter of recommendation from your senior research advisor or other comparable official, additional reference(s), and a letter indicating your research focus to: Dr. Glenn Suter, National Center for Environmental Assessment (MS-117), ATTN: Post-Doctoral Positions, U.S. Environmental Protection Agency, 26 W. Martin Luther King Drive, Cincinnati, Ohio 45268. Applications will be received and evaluated by NCEA on an ongoing basis.

**The U.S.EPA is an Equal Opportunity Employer**  
Post Doc Announcement, April 2002

*Applying science to improve risk assessment and environmental decision making*